

CLAIMS

- 1 An ergonomic keyboard providing support for the palms and fingers of
a user, said ergonomic keyboard comprising a plurality of surfaces of
5 different elevations, the surface of highest elevation adapted to support
the palms so that the thumbs are separated from the rest of the fingers
that are positioned on a distal side of said ergonomic keyboard, at
least one surface of said plurality of surfaces is located on said distal
side and at least one surface of said plurality of surfaces is located on
10 the side where the thumbs are positioned, at least one of said plurality
of surfaces is provided with at least one key.
2. The ergonomic keyboard as claimed in Claim 1, wherein at least one
surface on said distal side is a key absent surface, said key absent
15 surface is adapted to provide a resting area for the fingers.
3. The ergonomic keyboard as claimed in Claim 1, wherein three of said
plurality of surfaces on said distal side are elongated and are
20 arranged in rows.
4. The ergonomic keyboard as claimed in Claim 3, wherein said three of
said plurality of surfaces are divided into two parts, each of the two
parts is designated for the fingers of the user's single hand.
- 25 5. The ergonomic keyboard as claimed in Claim 3, wherein said three of
said plurality of surfaces are provided with alphanumeric keys, said
alphanumeric keys are arranged in a standard keyboard layout.
6. The ergonomic keyboard as claimed in Claim 5, wherein said standard
30 keyboard layout is a QWERTY layout.
7. The ergonomic keyboard as claimed in Claim 5, wherein said standard
keyboard layout is a MALTRON layout.

8 The ergonomic keyboard as claimed in Claim 5, wherein said standard keyboard layout is a DVORAK layout.

5 9. The ergonomic keyboard as claimed in Claim 3, wherein the surface of lowest elevation is the most distal row, wherein a middle row is raised by a riser above distal row and wherein an upper row is adjacent to said middle row.

10 10. The ergonomic keyboard as claimed in claim 9, wherein most distal row is inclined with a slope facing said middle row.

15 11. The ergonomic keyboard as claimed in claim 9, wherein said raiser and said middle row is inclined with a slope opposite to the slope of said most distal row, wherein the slope of said riser, which is adapted to provide a resting area for the user's fingers, is steeper than the slope of said middle row and wherein the slope of said upper row is steeper than the slope of said middle row.

20 12. The ergonomic keyboard as claimed in Claim 1, wherein the surface of highest elevation is divided into two portions, each of the two portions is adapted to underpin the corresponding palm of the user .

25 13. The ergonomic keyboard as claimed in Claim 12, wherein a detachable bridge is provided, upbridging a gap between the two portions, the gap adapted to accommodate the thumbs.

14. The ergonomic keyboard as claimed in Claim 13, wherein said bridge is provided with a screen .

30 15. The ergonomic keyboard as claimed in Claim 13, wherein surfaces defining said gap are provided with at least one key .

16. The ergonomic keyboard as claimed in Claim 1, wherein one of said plurality of levels is a horizontal level that is situated on said distal side.

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17. The ergonomic keyboard as claimed in Claims 16 or 4, wherein said horizontal level is situated in between the two parts of said three of said plurality of surfaces .

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18. The ergonomic keyboard as claimed in Claims 17 or 9, wherein said horizontal level is higher than most distal level and middle level .

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19. The ergonomic keyboard as claimed in Claim 1 or 9, wherein said at least one surface of said plurality of surfaces that is located on the side where the thumbs are positioned, is at the same height as the height of said upper level.

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20. The ergonomic keyboard as claimed in Claim 1, wherein at least one surface from said plurality of surfaces is adapted to move horizontally.

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21. The ergonomic keyboard as claimed in Claim 20, wherein a leverage system is connected to said at least one surface from said plurality of surfaces, said leverage system is adapted to adjust the distance between said plurality of surfaces.

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22. The ergonomic keyboard as claimed in Claims 20 or 9, wherein at least one lever from said leverage system is connected to said most distal row, wherein at least one lever from said leverage system is connected to said middle row, wherein at least one lever from said leverage system is connected to said riser and wherein at least one lever from said leverage system is connected to said upper level.

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23. The ergonomic keyboard as claimed in Claim 1, wherein at least one key is provided on surfaces that are formed in between said plurality of surfaces of different elevations.

24. An ergonomic keyboard providing support for the palms and fingers of a user, said ergonomic keyboard comprising a plurality of surfaces of different elevations, the surface of highest elevation adapted to support the palms so that the thumbs are separated from the rest of the fingers that are positioned on a distal side of said ergonomic keyboard, at least one surface from said plurality of surfaces is located on said distal side and at least one surface of said plurality of surfaces is located on the side where the thumbs are positioned, at least one of said plurality of surfaces is provided with at least one key, and wherein at least one surface of said plurality of surfaces is adapted to move in an inwardly and outwardly directions.
25. The ergonomic keyboard as claimed in Claim 24, wherein a leverage system is connected to said at least one surface from said plurality of surfaces, said leverage system is adapted to adjust the distance between said plurality of surfaces.